

What is claimed is:

1. A disk drive apparatus comprising:
a recording medium rotatably supported;
rotation means for rotating said recording medium;
5 a supporting arm having a head facing said recording medium, said supporting arm being rotatable about a bearing section in a direction perpendicular to a recording face of said recording medium;
radial driving means for one of rotating and linearly moving said supporting arm in a radial direction of said recording medium; and
10 a ramp for vertically moving said supporting arm between said bearing section and said head while said supporting arm one of rotates and linearly moves in the radial direction of said recording medium.
2. The disk drive apparatus as defined in Claim 1 further comprising
15 load-applying means near said bearing section, said load-applying means applying load to said supporting arm in a direction approaching said recording medium.
3. The disk drive apparatus as defined in one of Claims 1 and 2,
wherein said ramp is means for keeping said head at a standby position apart from a
20 surface of said recording medium when said recording medium stops rotating.
4. The disk drive apparatus as defined in one of Claims 1 and 2,
wherein said ramp is means for keeping said head at a standby position by making
said head contact a surface of said disk when said recording medium stops rotating.

5. The disk drive apparatus as defined in Claim 4, wherein a slider is installed on said head, and said ramp removes a contact pressure occurred by said slider contacting a surface of said recording medium.

5 6. The disk drive apparatus as defined in Claim 1, wherein said bearing section includes a pivot bearing having a pair of protrusions contacting said supporting arm, and a point where said protrusions of the pivot bearing and said supporting arm contact is a center of gravity of said supporting arm.

10 7. The disk drive apparatus as defined in Claim 3, wherein said ramp is disposed at a position not interfering with said disk.

8. The disk drive apparatus as defined in Claim 4, wherein said ramp is disposed at a position not interfering with said disk.

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9. The disk drive apparatus as defined in Claim 1, wherein said ramp vertically moves said supporting arm at a position outside of a lengthwise central axis of said supporting arm.

20 10. The disk drive apparatus as defined in Claim 6, wherein a line passing a rotation center of said rotation means rotating said supporting arm in a radial direction of said recording medium and a line connecting said pair of protrusions of the pivot bearing in said bearing section cross.

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